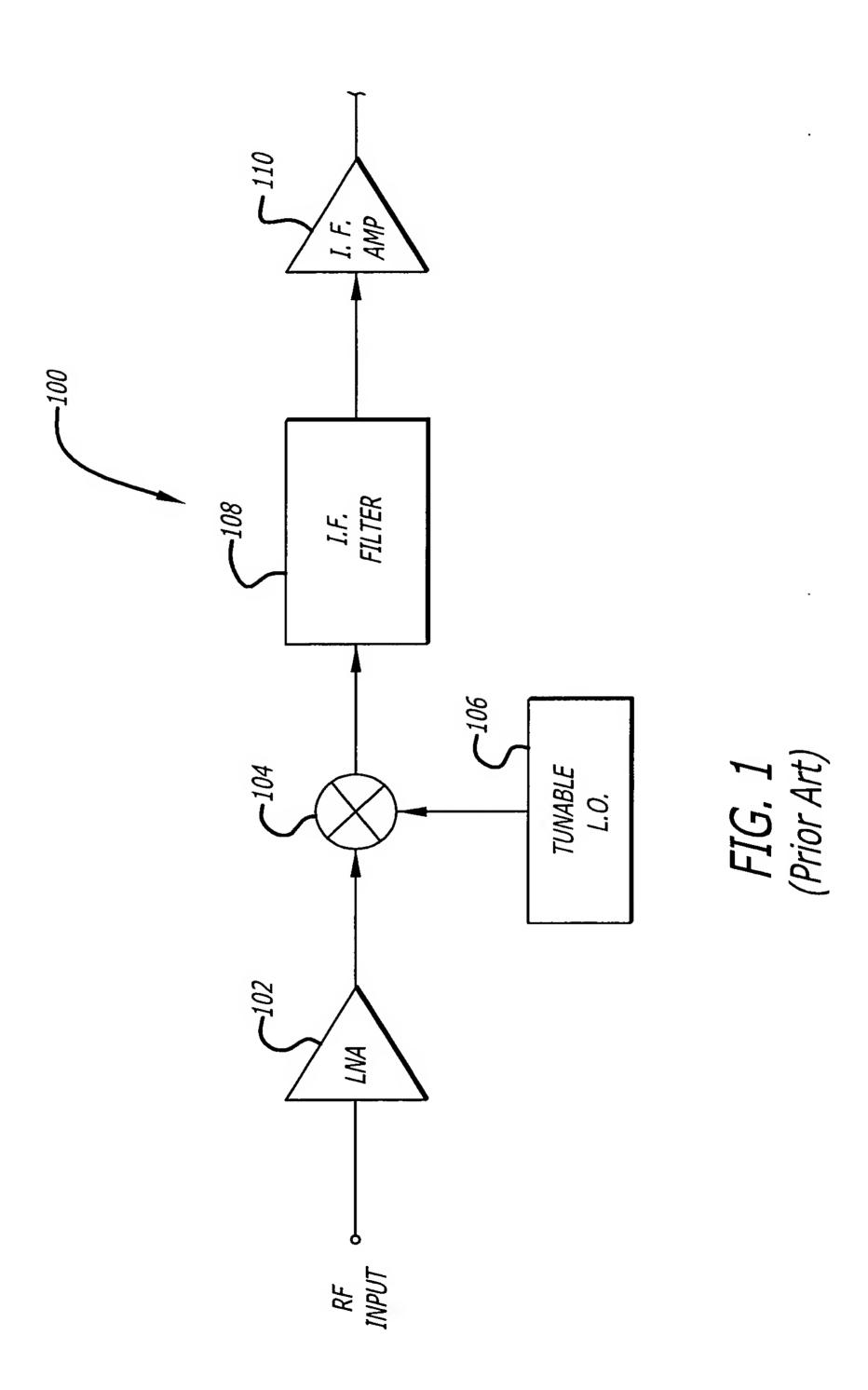


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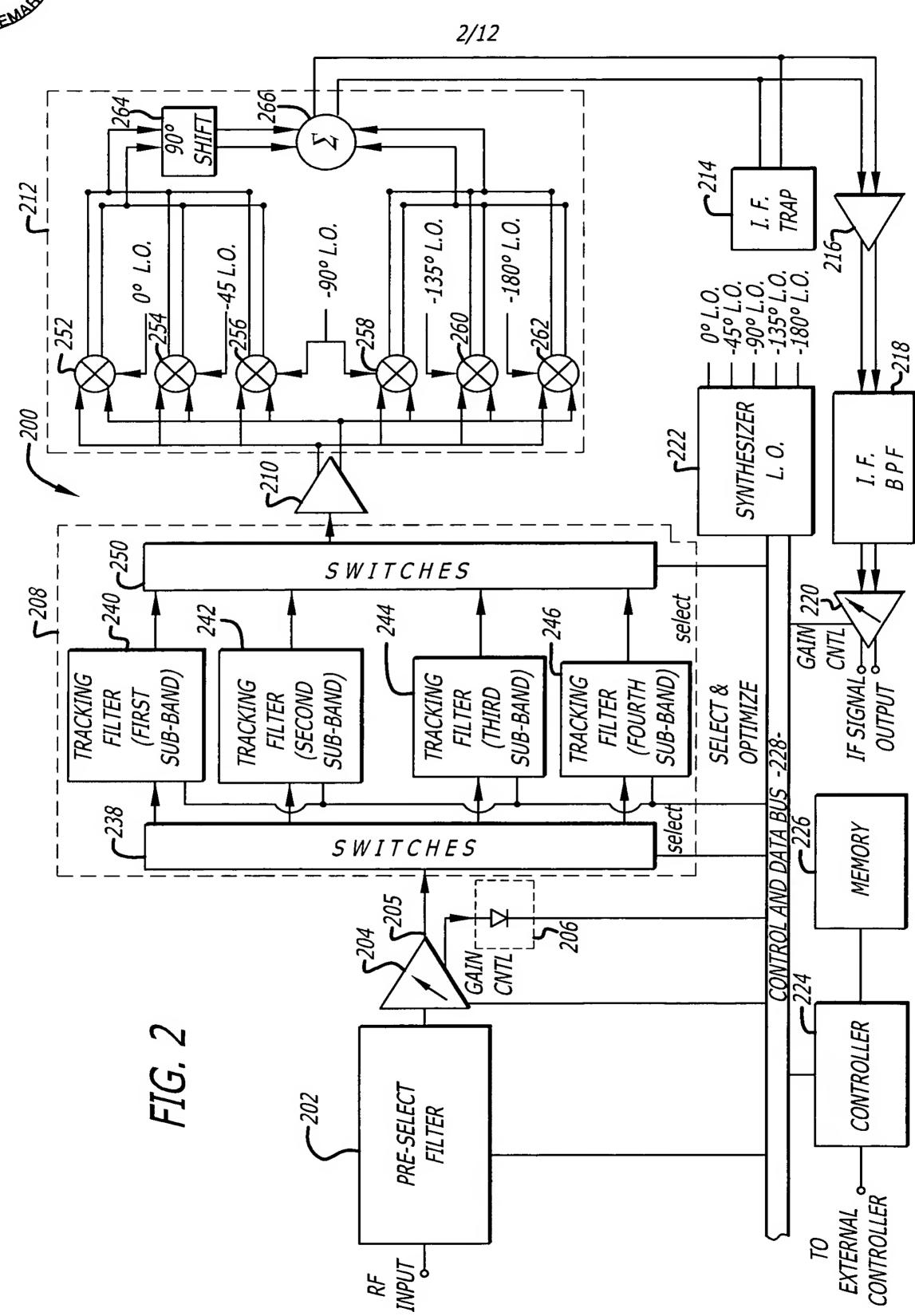
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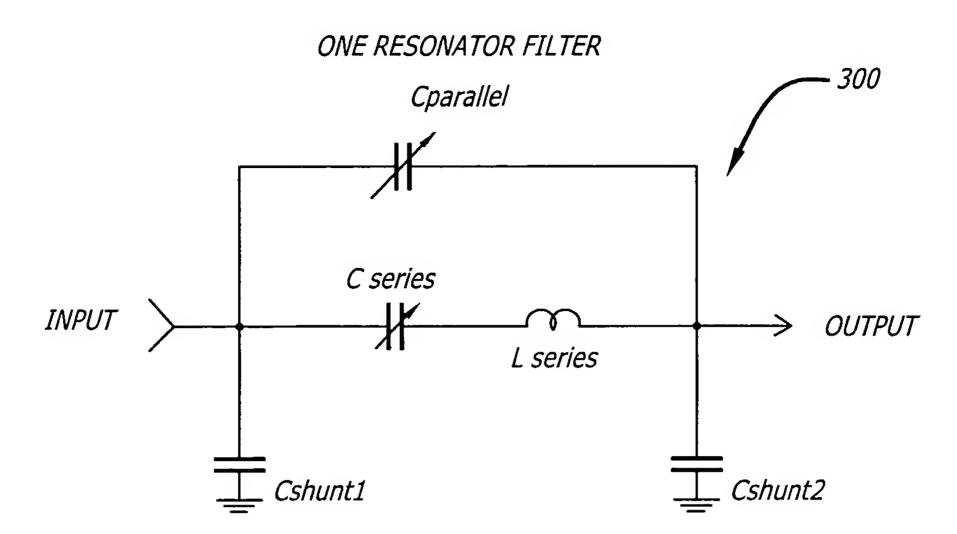
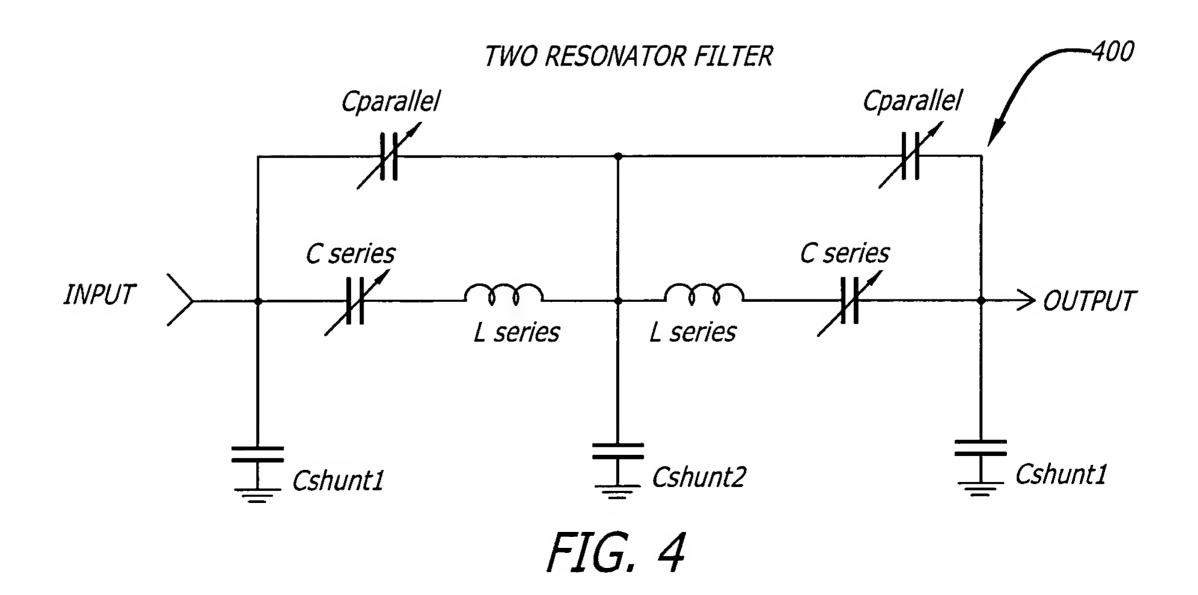
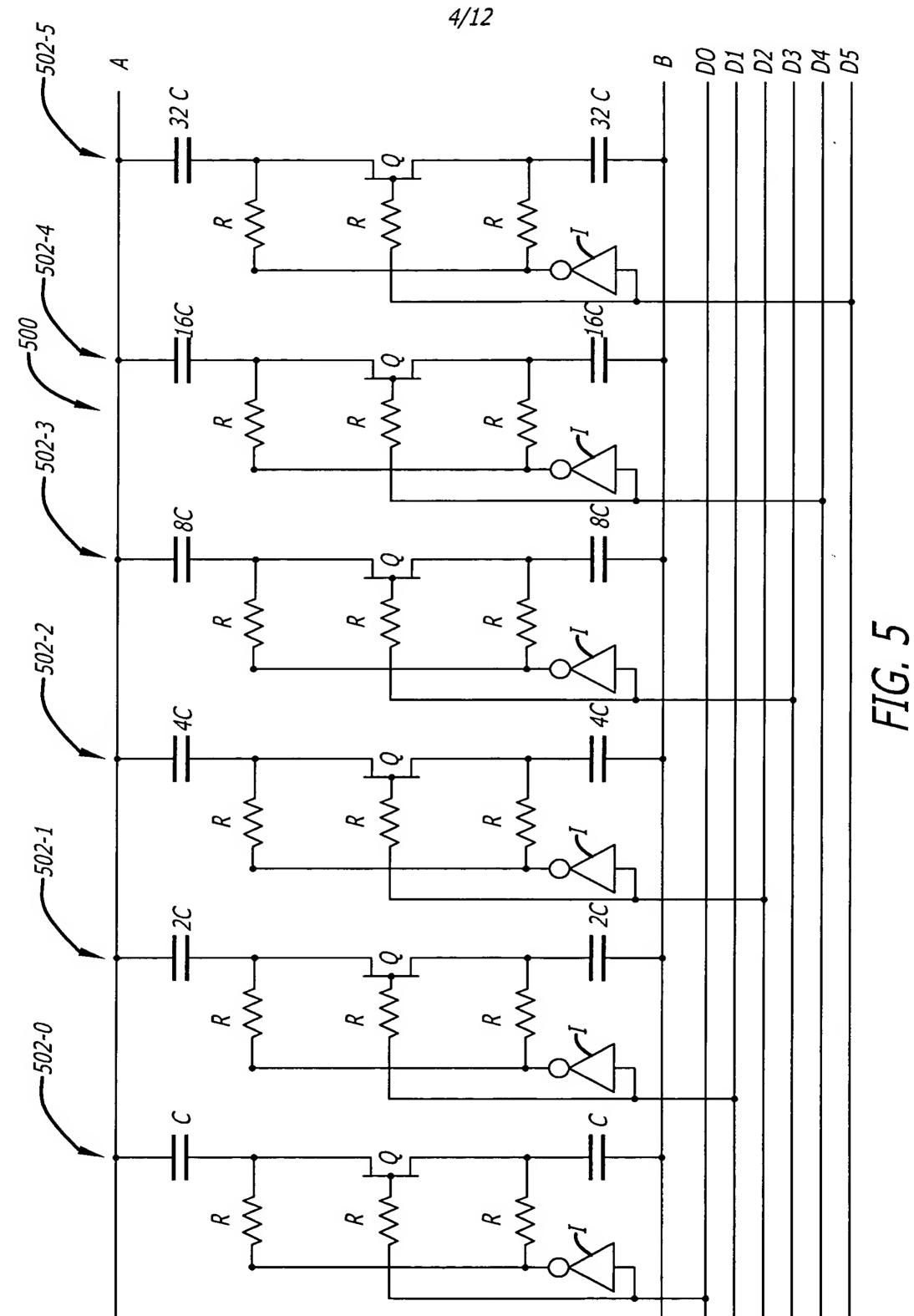


FIG. 3



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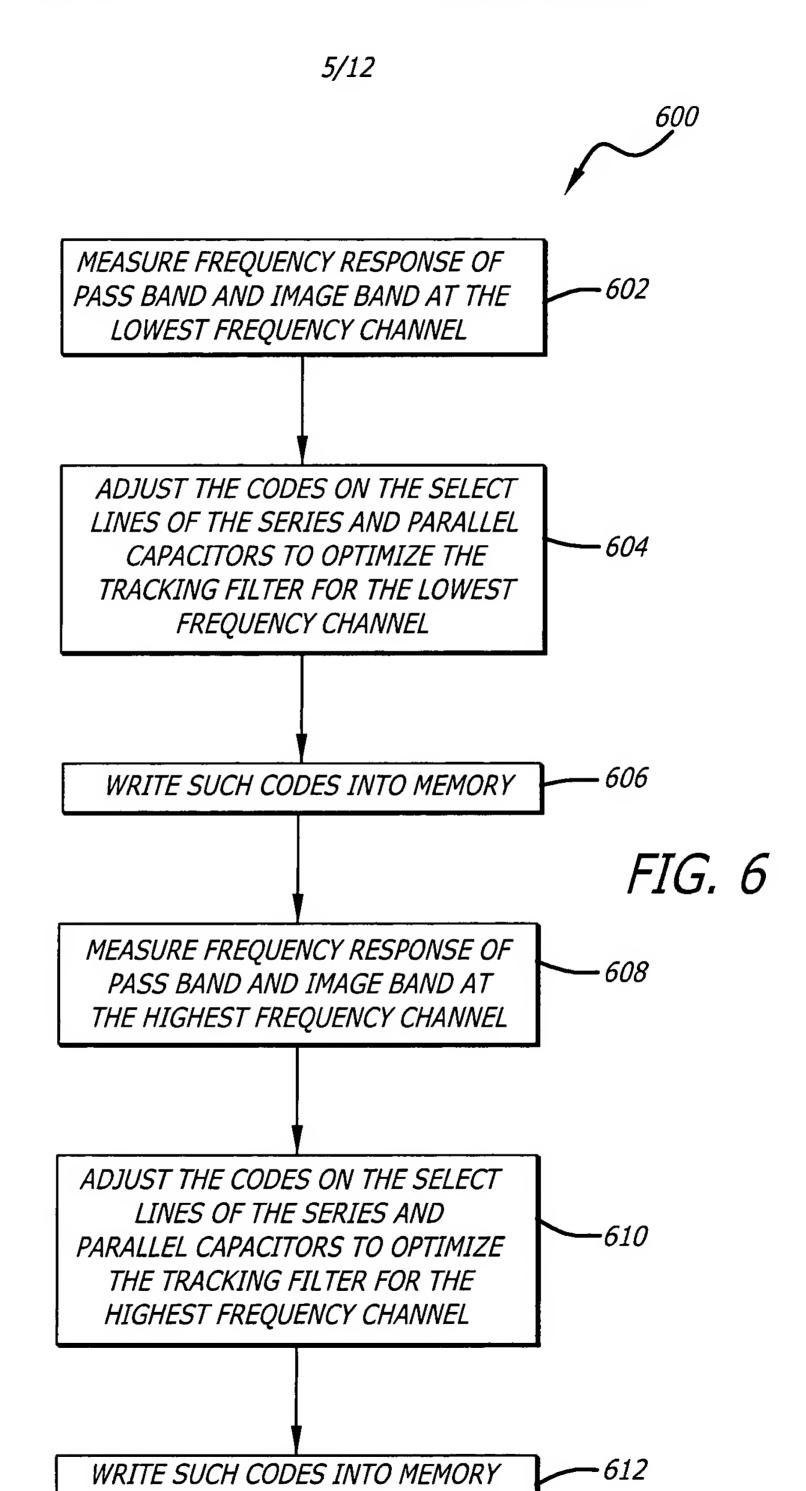
NOV 1 3 2003 BY

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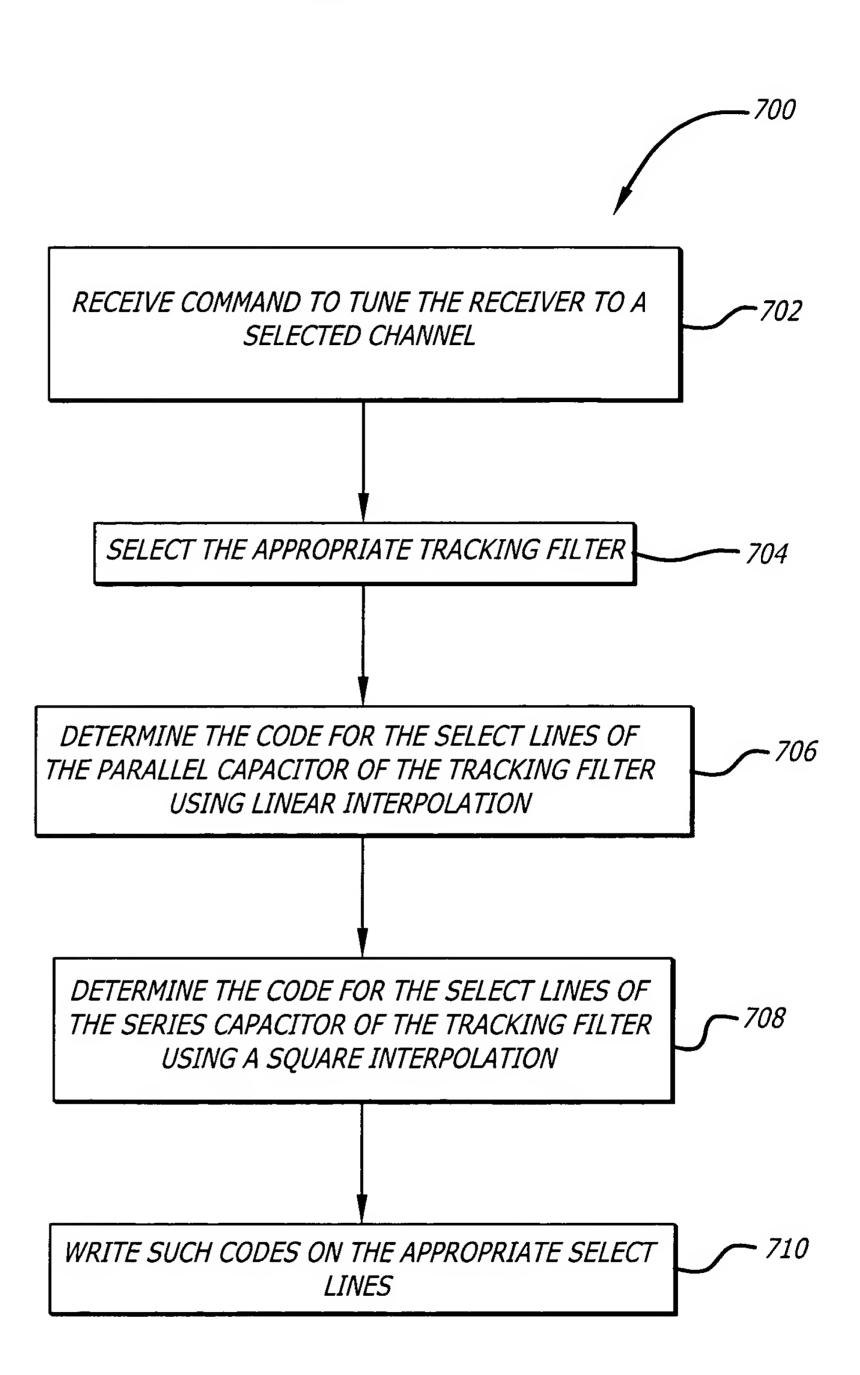


FIG. 7



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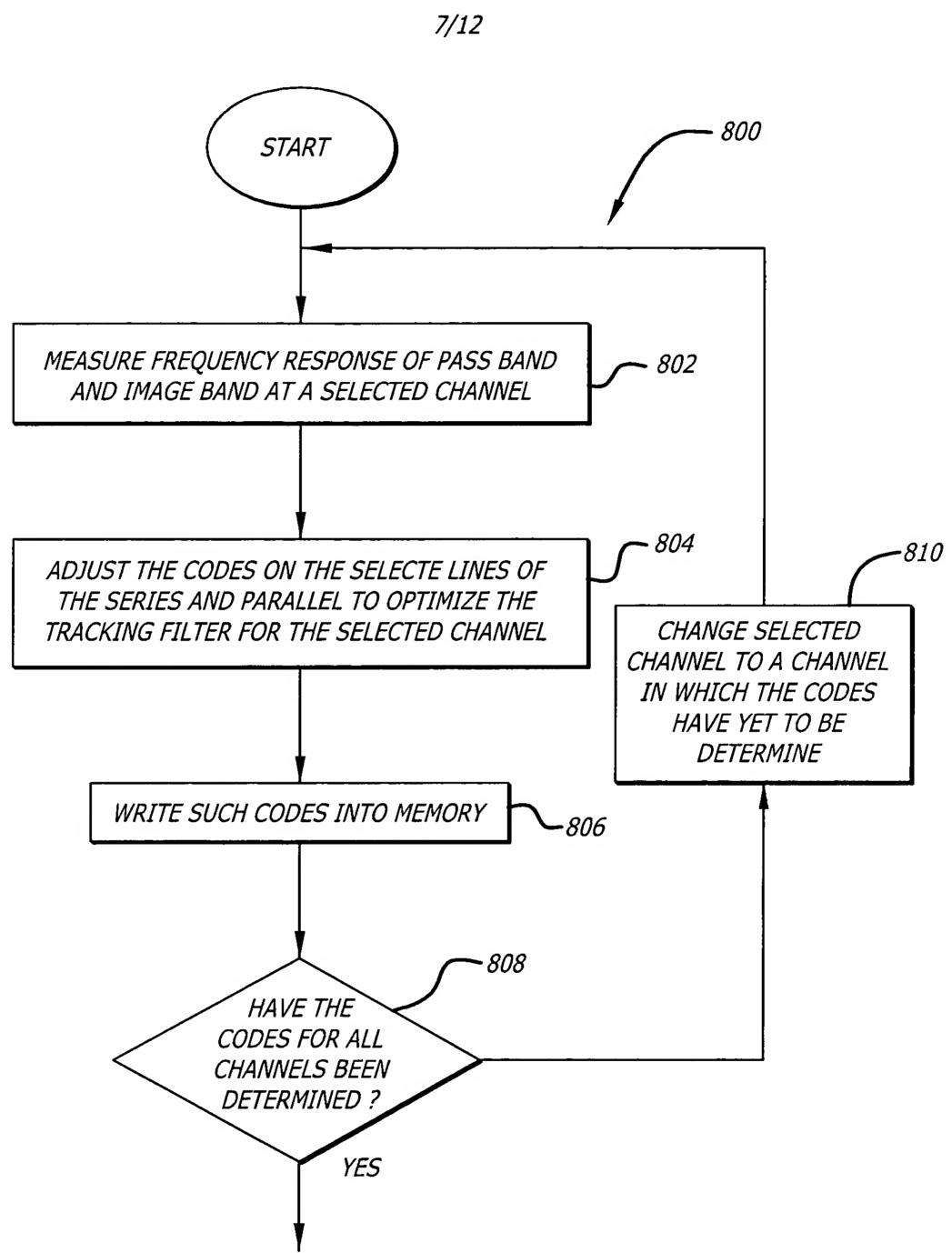


FIG. 8

END



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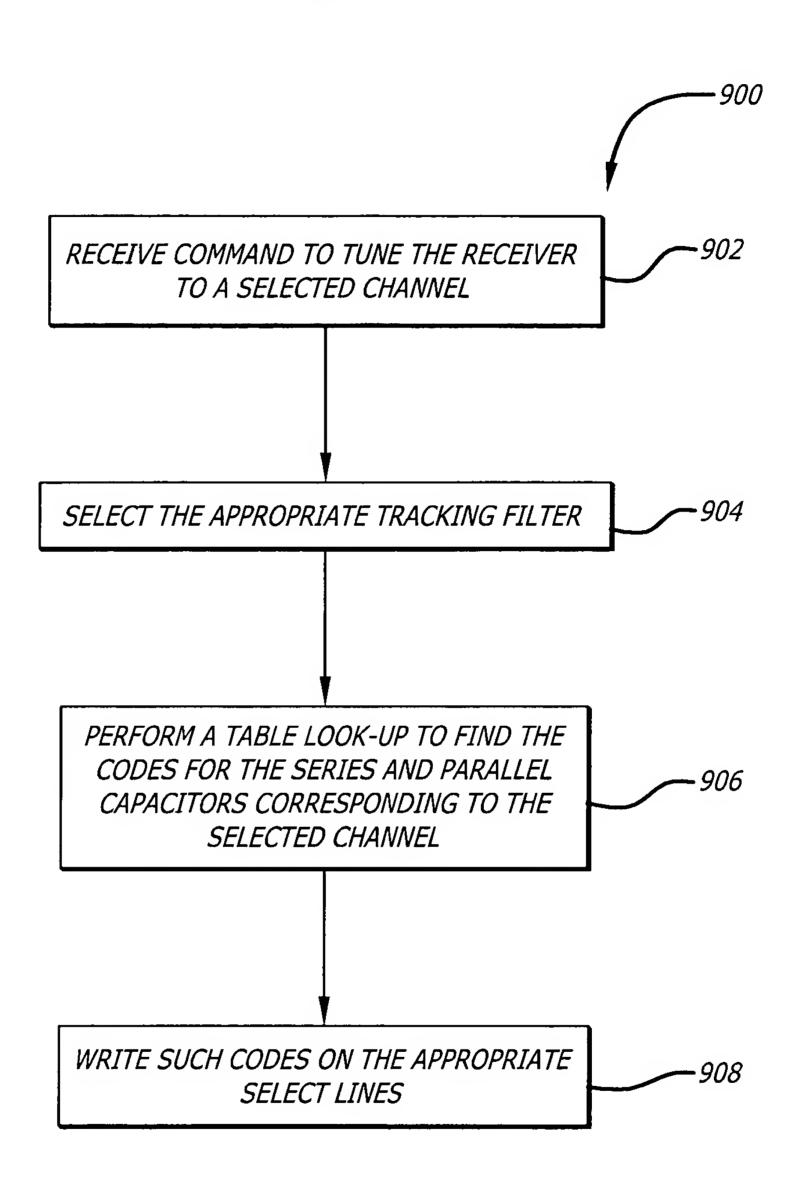


FIG. 9



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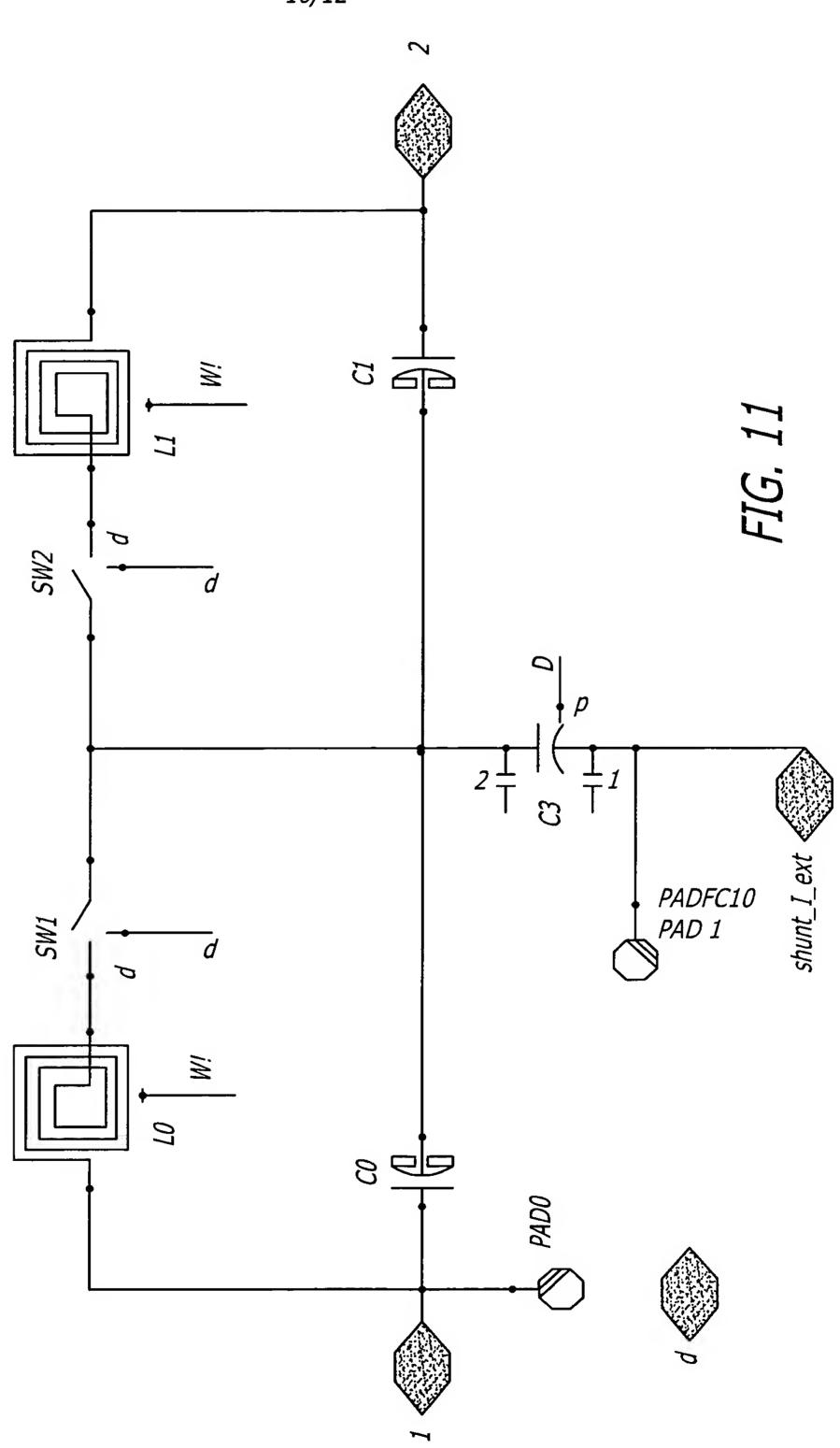
F (MHz)	СР	CS
570	27	63
580	26	59
590	25	54
600	24	50
610	23	46
620	23	42
630	22	39
640	21	35
650	20	32
660	19	29
670	18	26
680	17	23
690	16	20
700	<i>15</i>	18
710	14	16
720	14	13
730	13	11
740	12	10
750	11	8
760	10	6
770	9	5
780	8	4
790	7	3
800	6	2
810	5	1
820	4	1

FIG. 10



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Title: BROADBAND SINGLE CONVERSION TUNER INTEGRATED CIRCUITS MOV 1 3 2003 1st Named Inventor: Matthew Glenn Waight E TRADEM Application No.: 10/632,018 Sheet: 11 of 12 Docket No.: 55123P264 11/12 FIG. 12 -276 07 SYNTHESIZER A) Direct conversion to baseband .250 SWITCHES select 244 242 246 -208 (FOURTH SUB-BAND) FILTER (FIRST SUB-BAND) TRACKING TRACKING SUB-BAND) SUB-BAND) **TRACKING** FILTER (SECOND TRACKING FILTER (THIRD FILTER optimize select & -238 select 25 SWITCHES MEMORY Gain Cntrl 206 CONTROLLER PRE-SELECT FILTER EXTERNAL CONTROLLER RF INPUT



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